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RECOMBINANT C140 RECEPTOR
AND ITS AGONISTS AND ANTAGONISTS

Abstract of the Disclosure

Nucleic acid molecules encoding the C140 cell
5 surface receptor have been cloned and sequenced. The
availability of C140 receptor DNA permits the recombinant
production of the C140 receptor which can be produced on
the surface of a cell, including an oocyte. The nucleic
acid molecules are useful in an assay for detecting a
10 substance which affects C140 receptor activity, either
receptor agonists or antagonists. Further, the
elucidation of the structure of the C140 receptor permits
the design of agonist and antagonist compounds which are
useful in such assays. The availability of the C140
15 receptor also permits production of antibodies
specifically immunoreactive with one or more antigenic
epitopes of the C140 receptor.